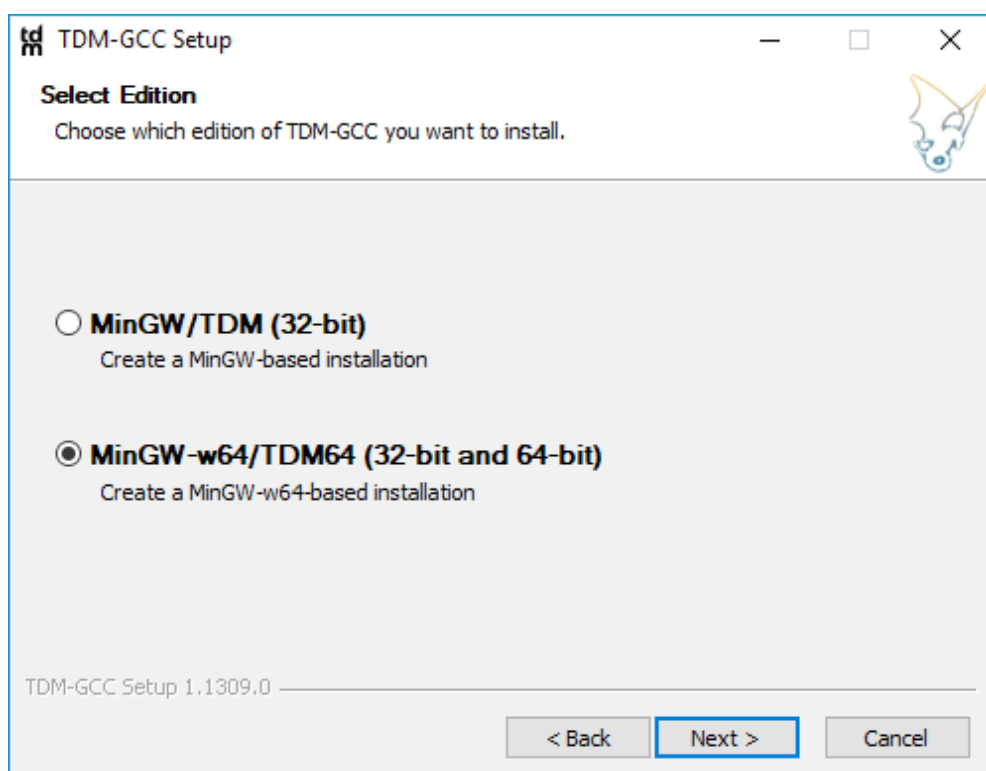
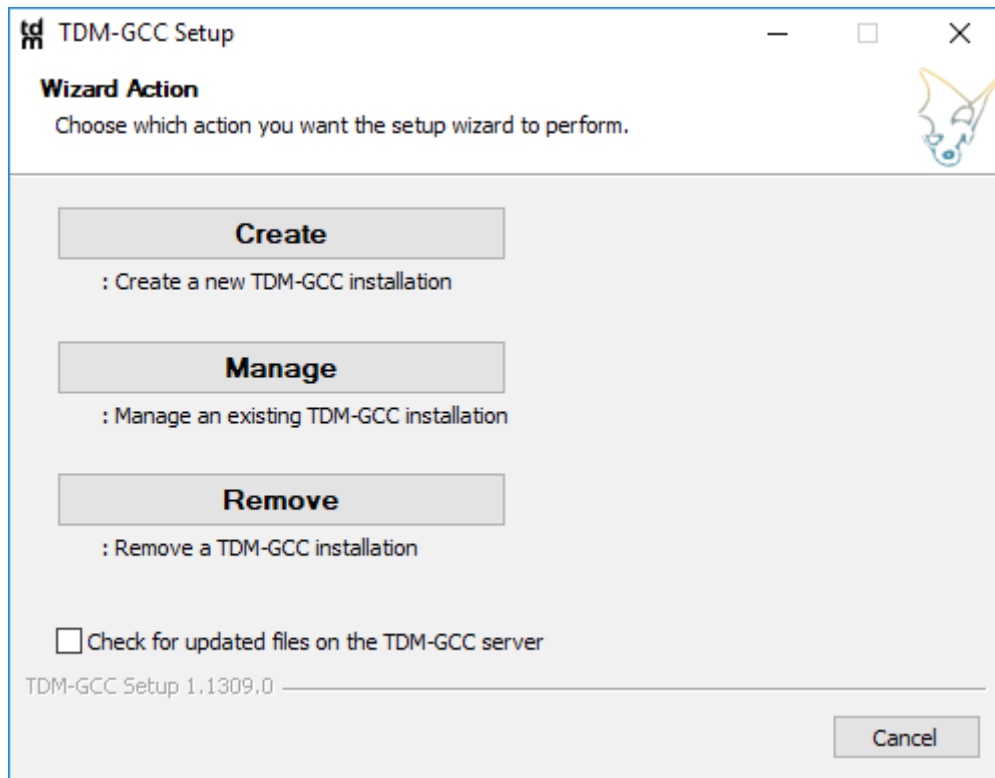


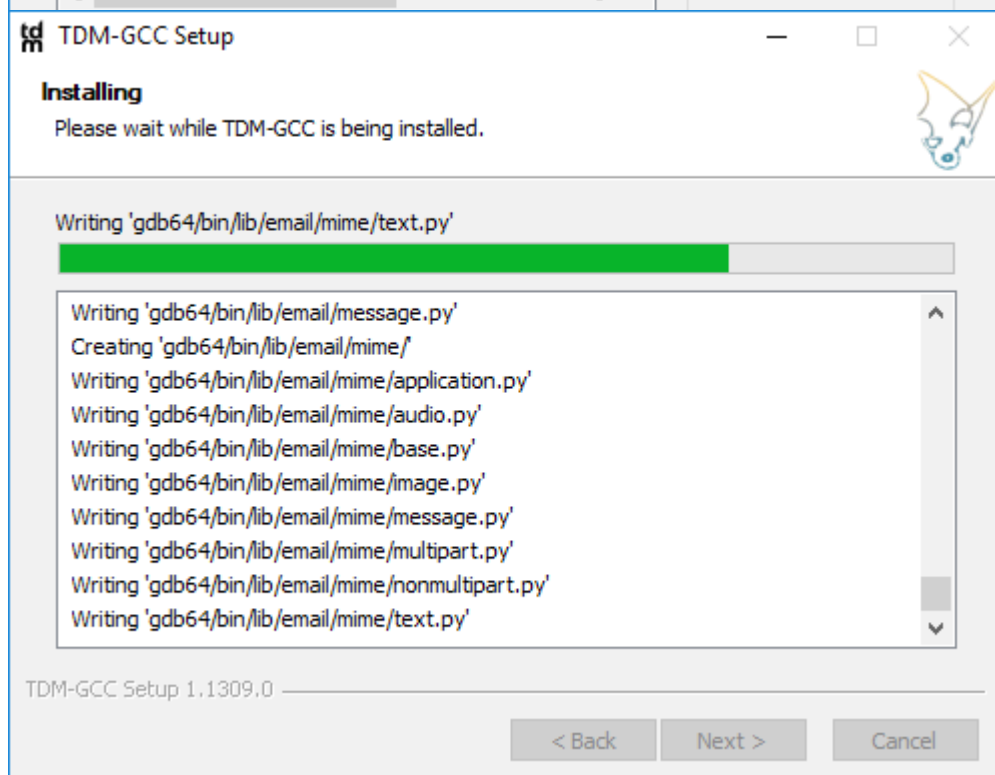
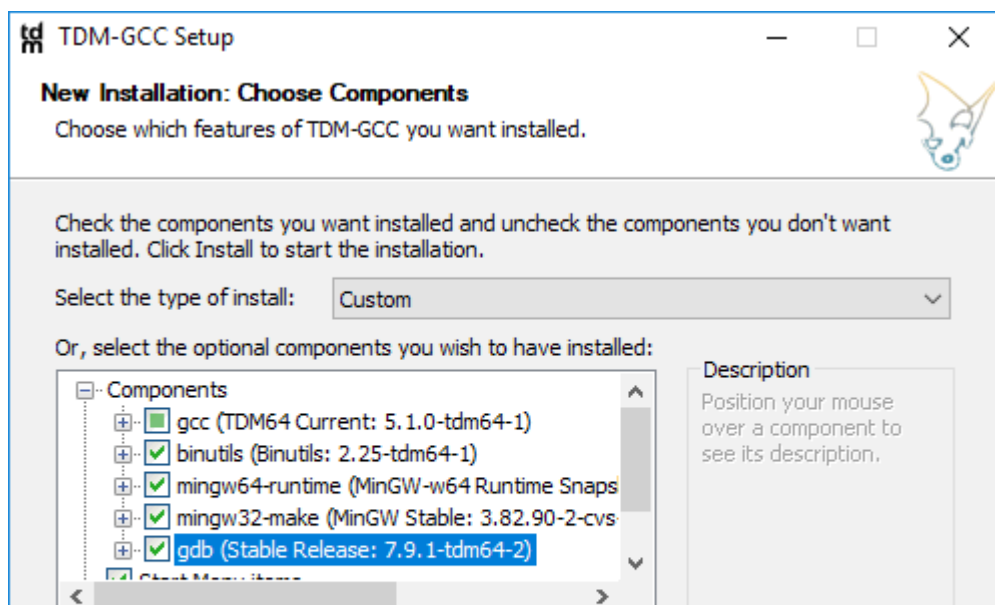
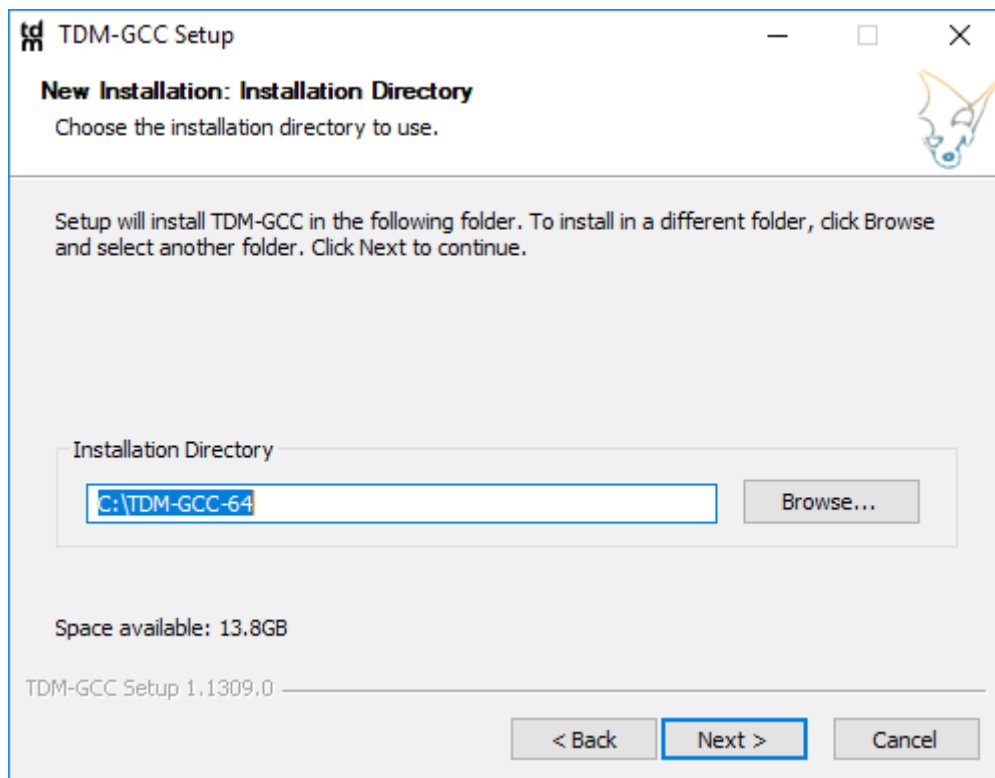
## GCC & GEANY INSTALLATION STEPS ( On Windows 7/8/10/11)

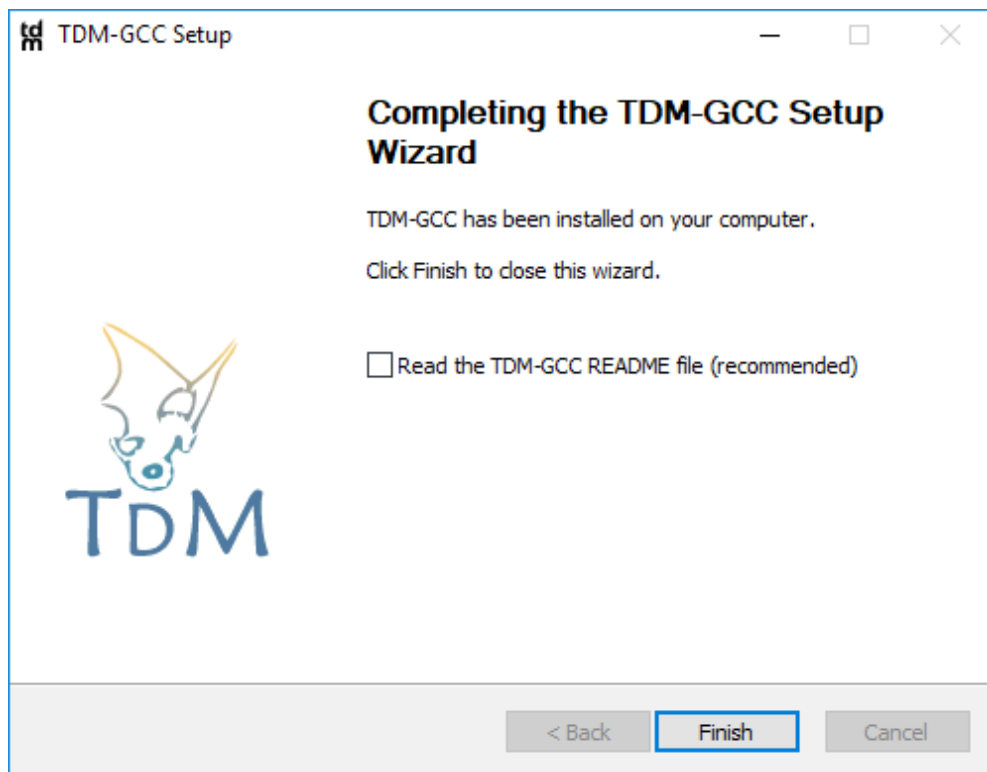
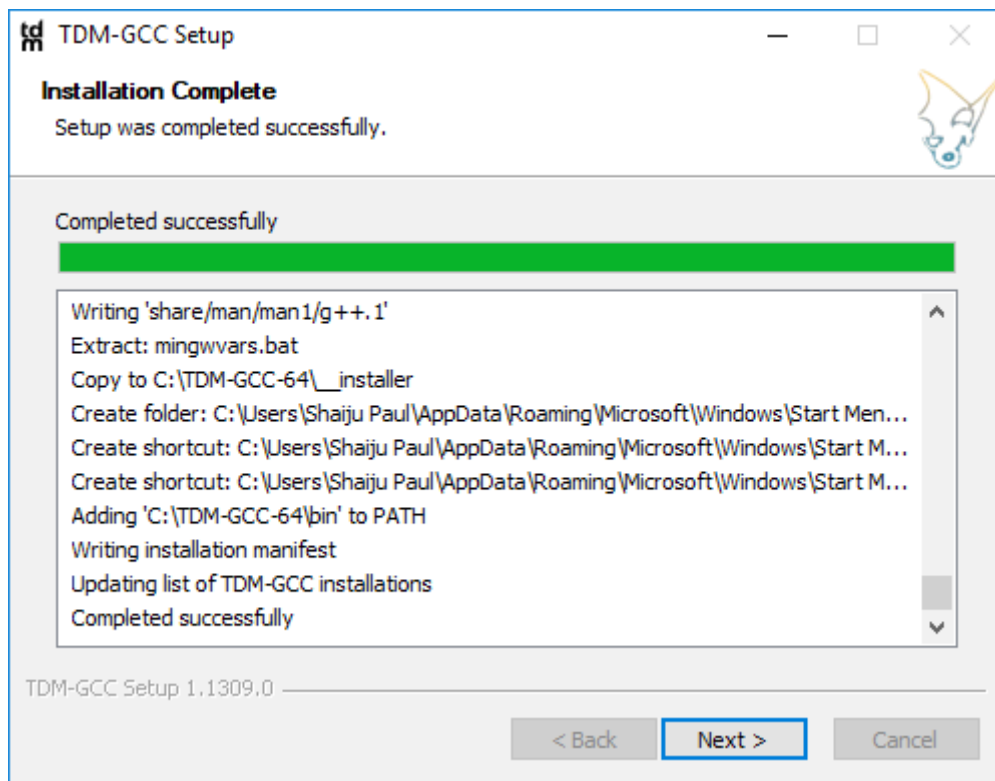
1. Download & Install GCC ([tdm64-gcc-10.3.0-2.exe](#))
2. Download & Install Geany ( [geany-1.38\\_setup.exe](#))
3. Compile C programs using command mode(**cmd**) or Geany IDE

**\*\* Refer Installation Screenshots below :**

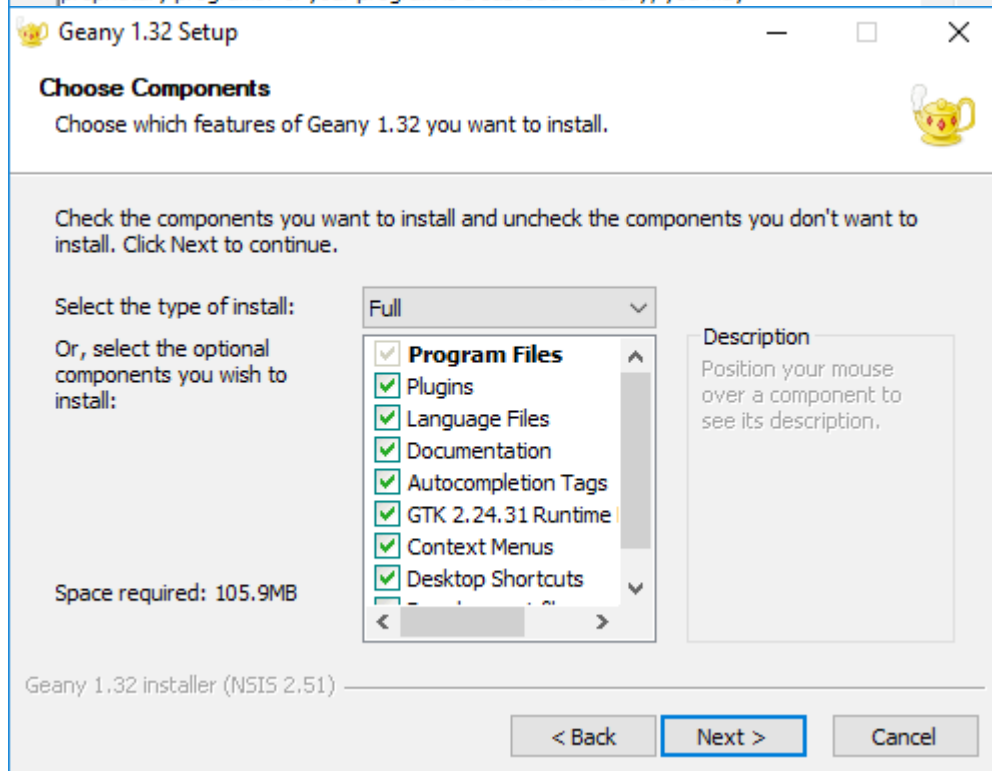
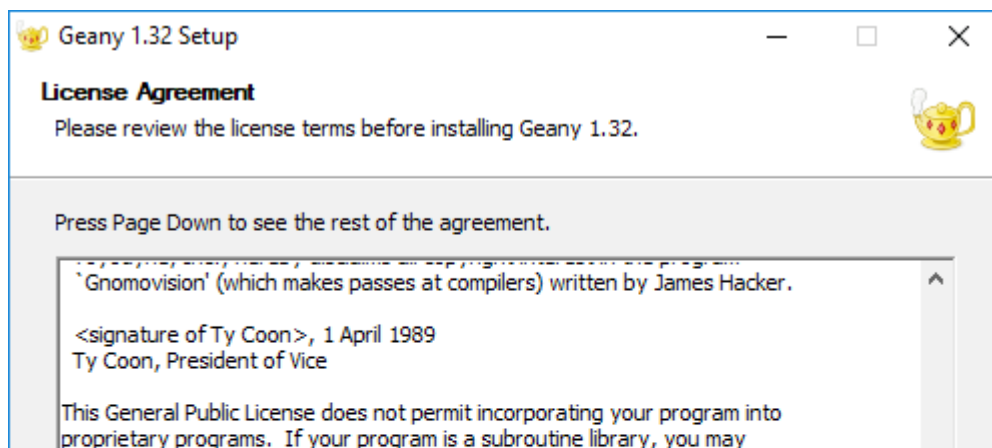
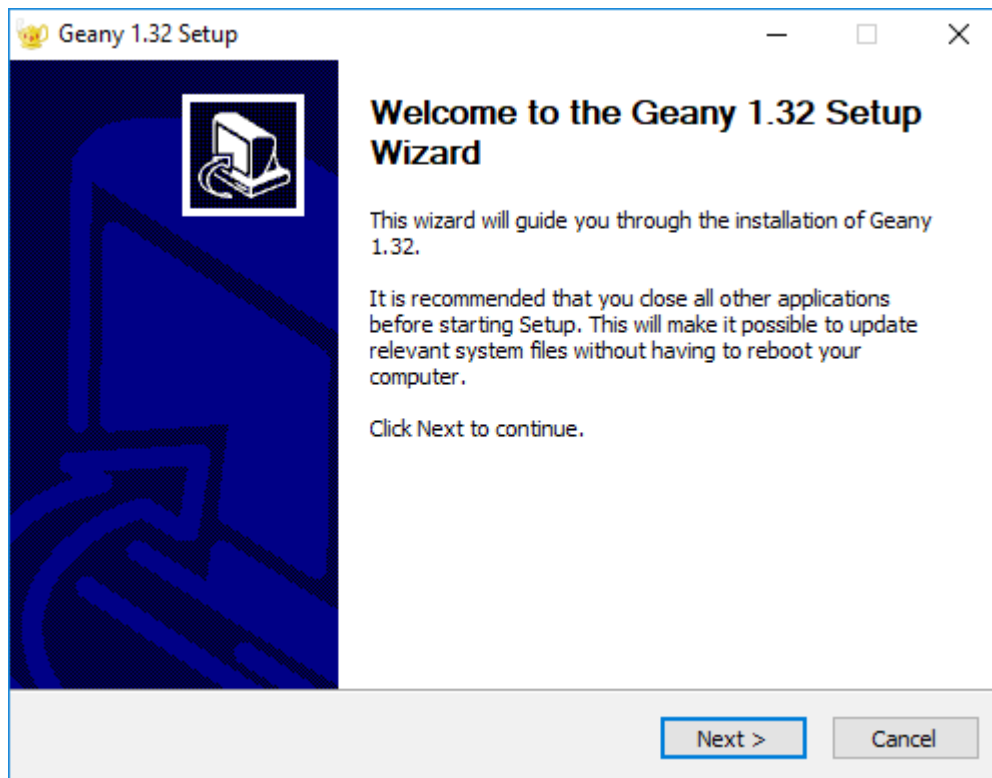
### GCC Installation Steps( tdm64-gcc-10.3.0-2.exe )

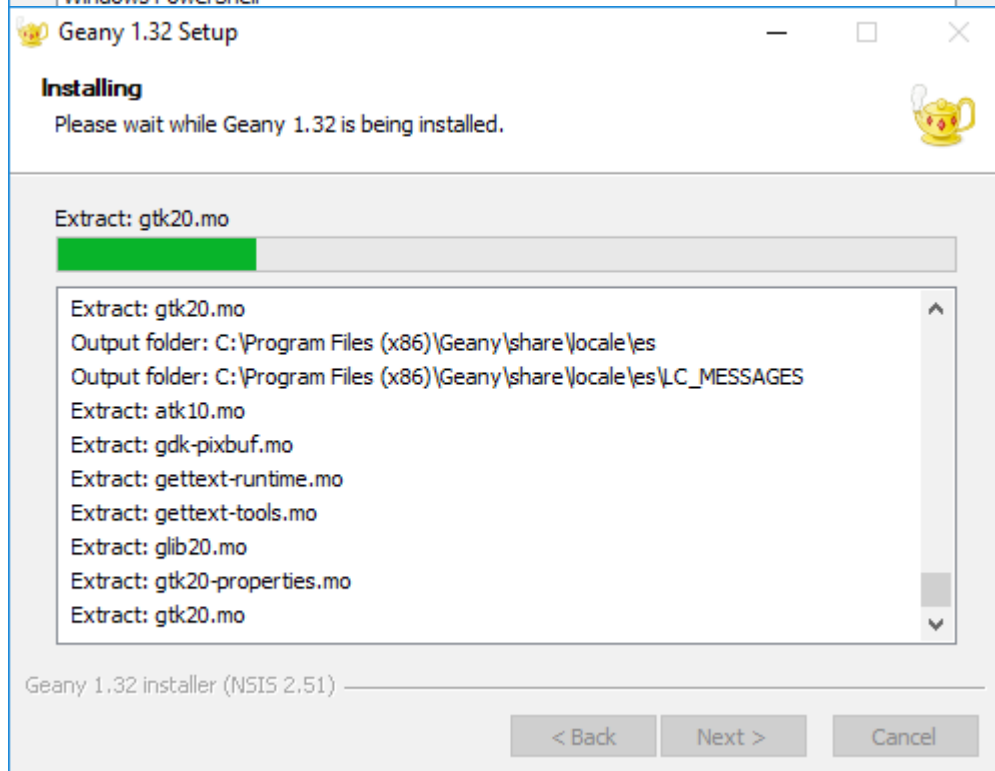
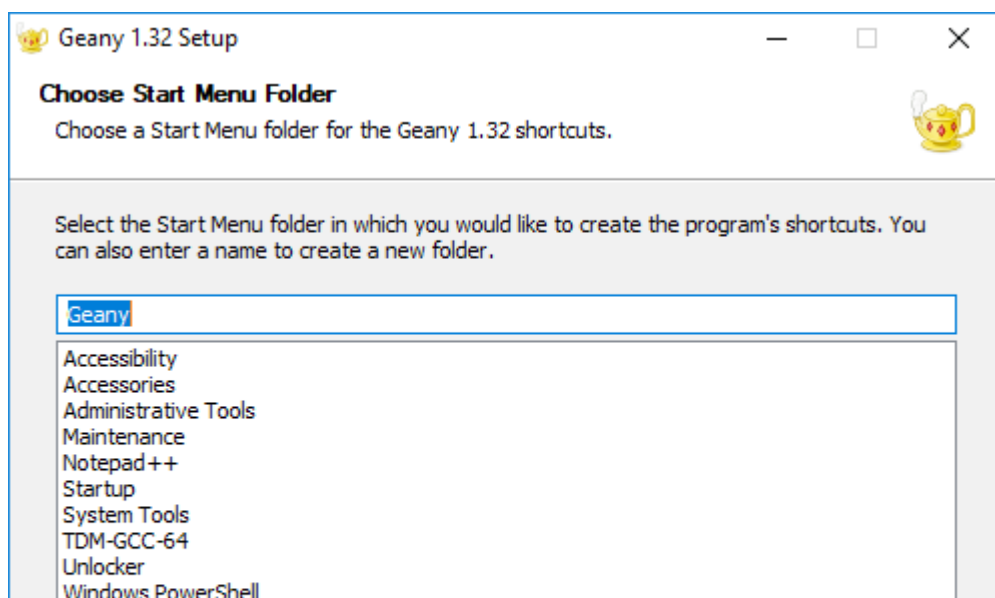
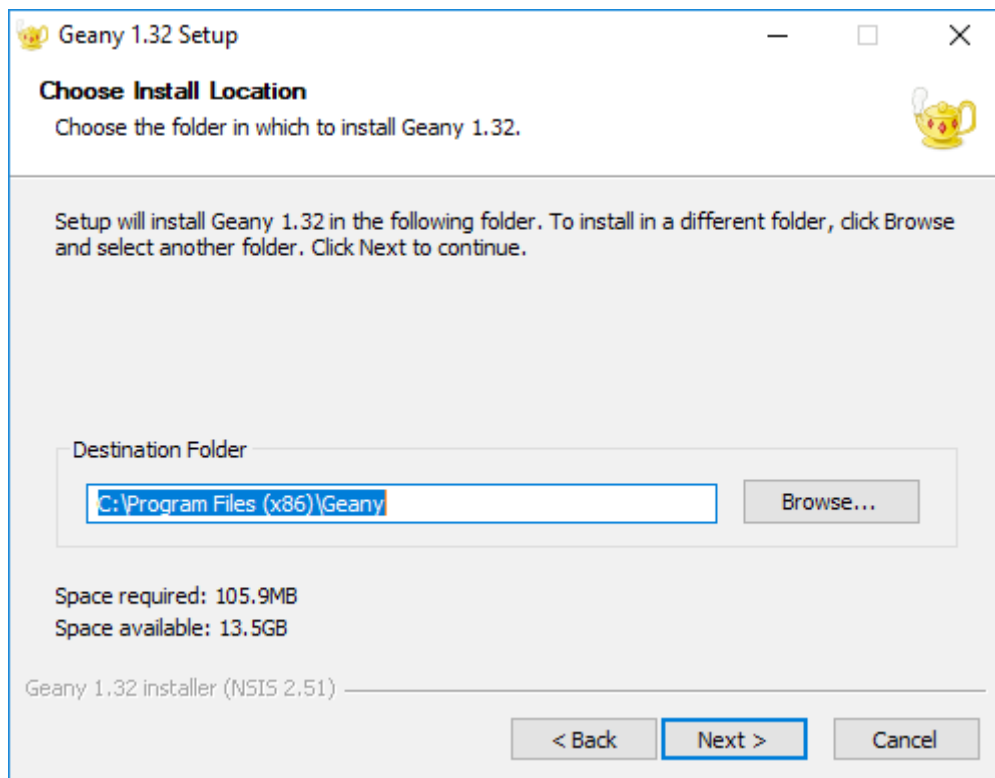


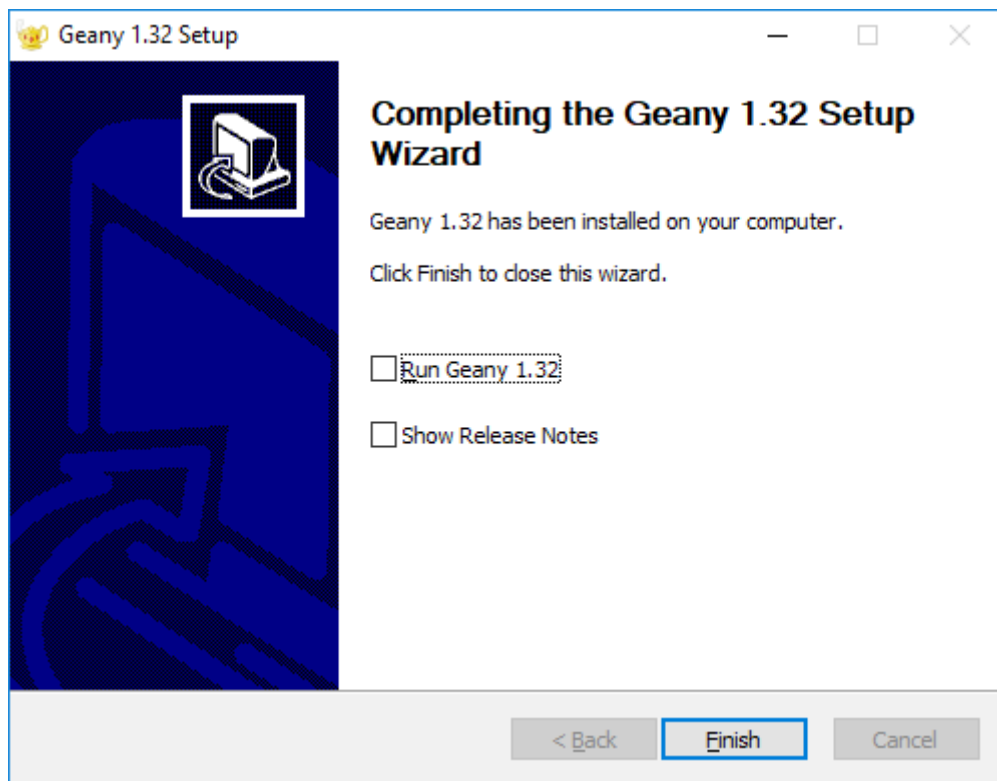




## [Geany 1.38\\_setup.exe](#)

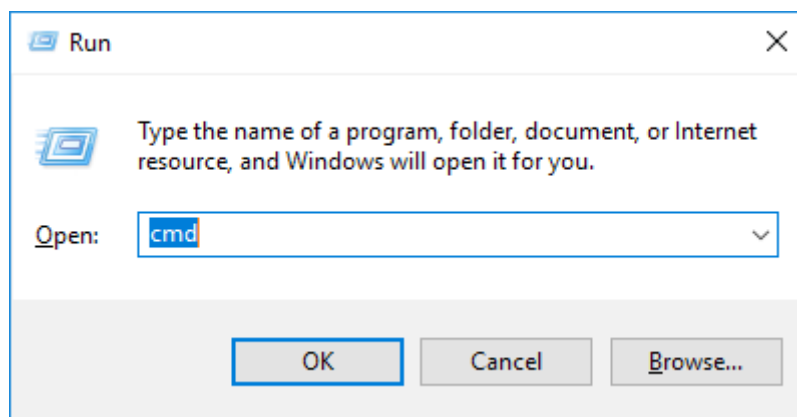






## C Program Compilation/Execution Steps

### Method 1 : (Using Command Line/ Terminal)

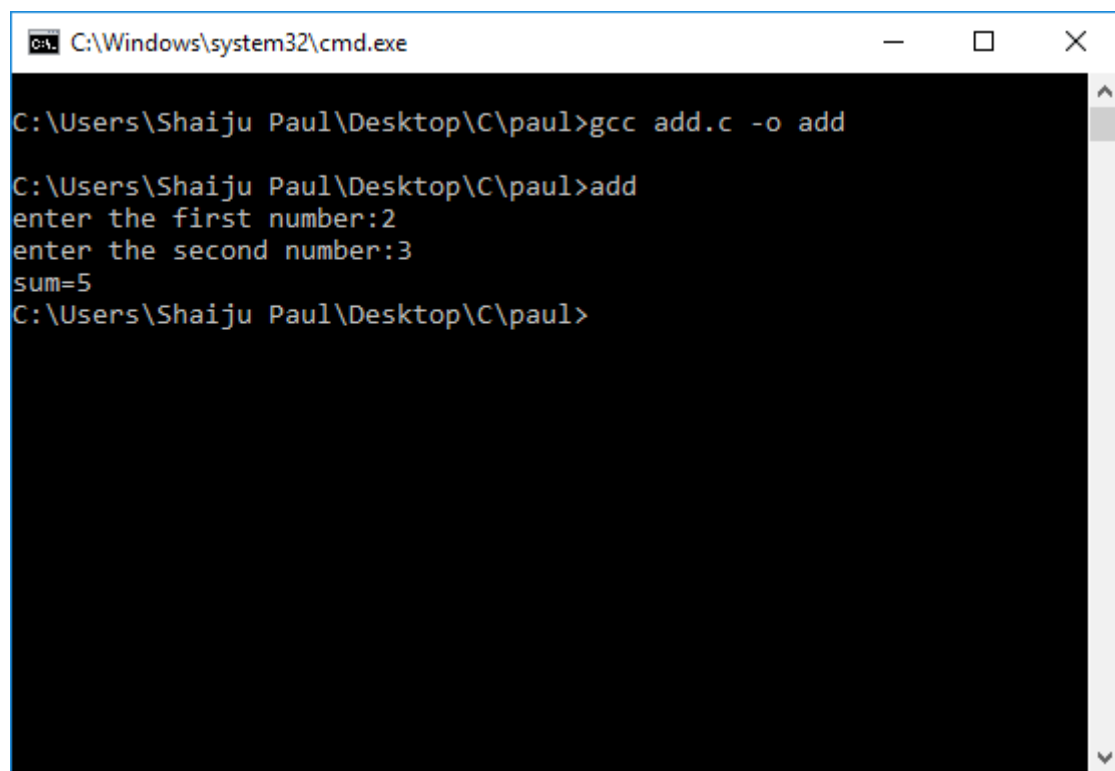


In Windows : *Open cmd*

In Linux/Ubuntu/JOSS : *Open terminal*

Compilation Step : *gcc filename.c -o filename (same for Windows & Linux/Ubuntu/JOSS)*

Execution Step : *filename ( In windows)*  
*./filename ( In Linux/Ubuntu/JOSS)*



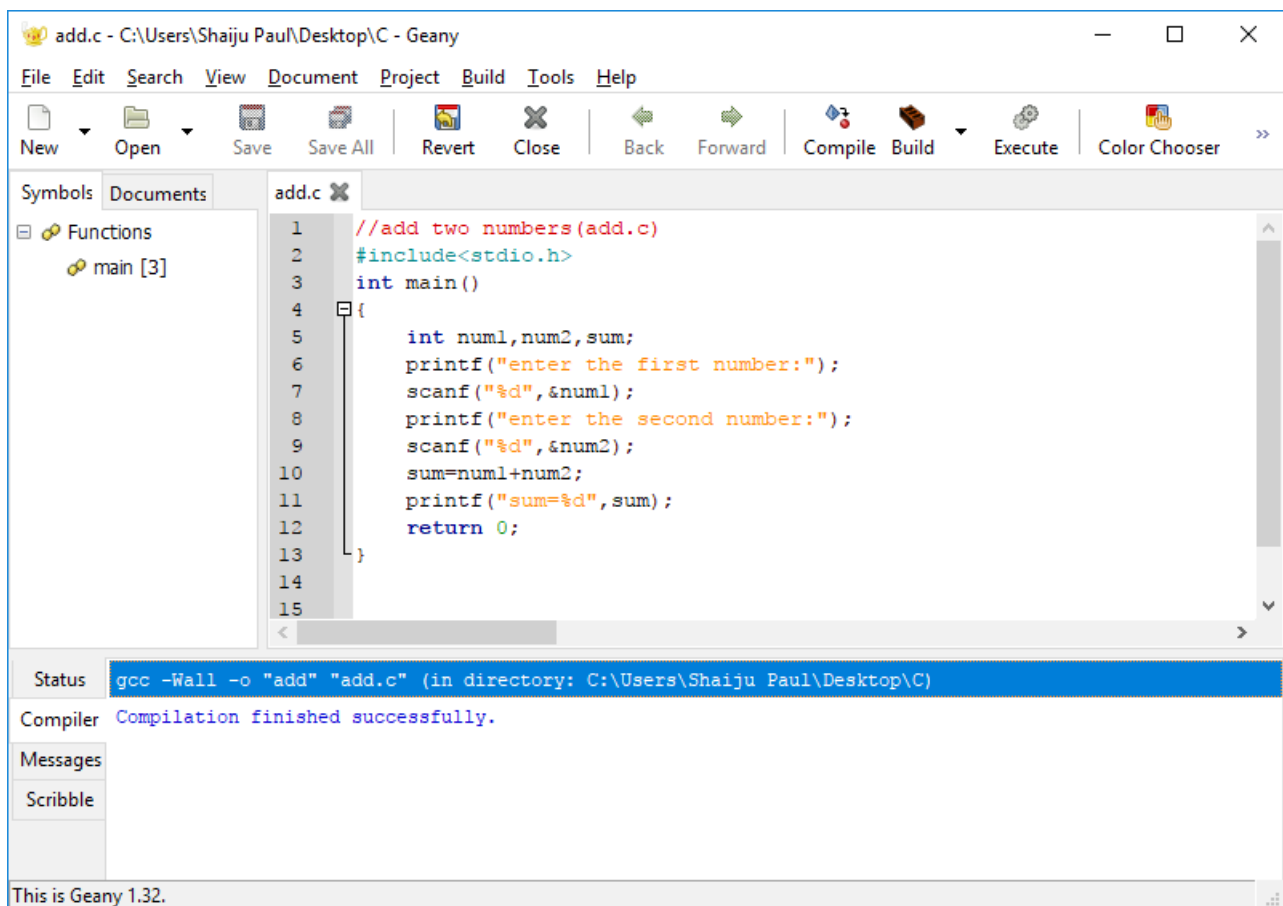
```
C:\Windows\system32\cmd.exe

C:\Users\Shaiju Paul\Desktop\C\paul>gcc add.c -o add

C:\Users\Shaiju Paul\Desktop\C\paul>add
enter the first number:2
enter the second number:3
sum=5
C:\Users\Shaiju Paul\Desktop\C\paul>
```

**OR**

**Method 2 : ( Using Geany : *Compile->Buld->Execute Buttons*)**



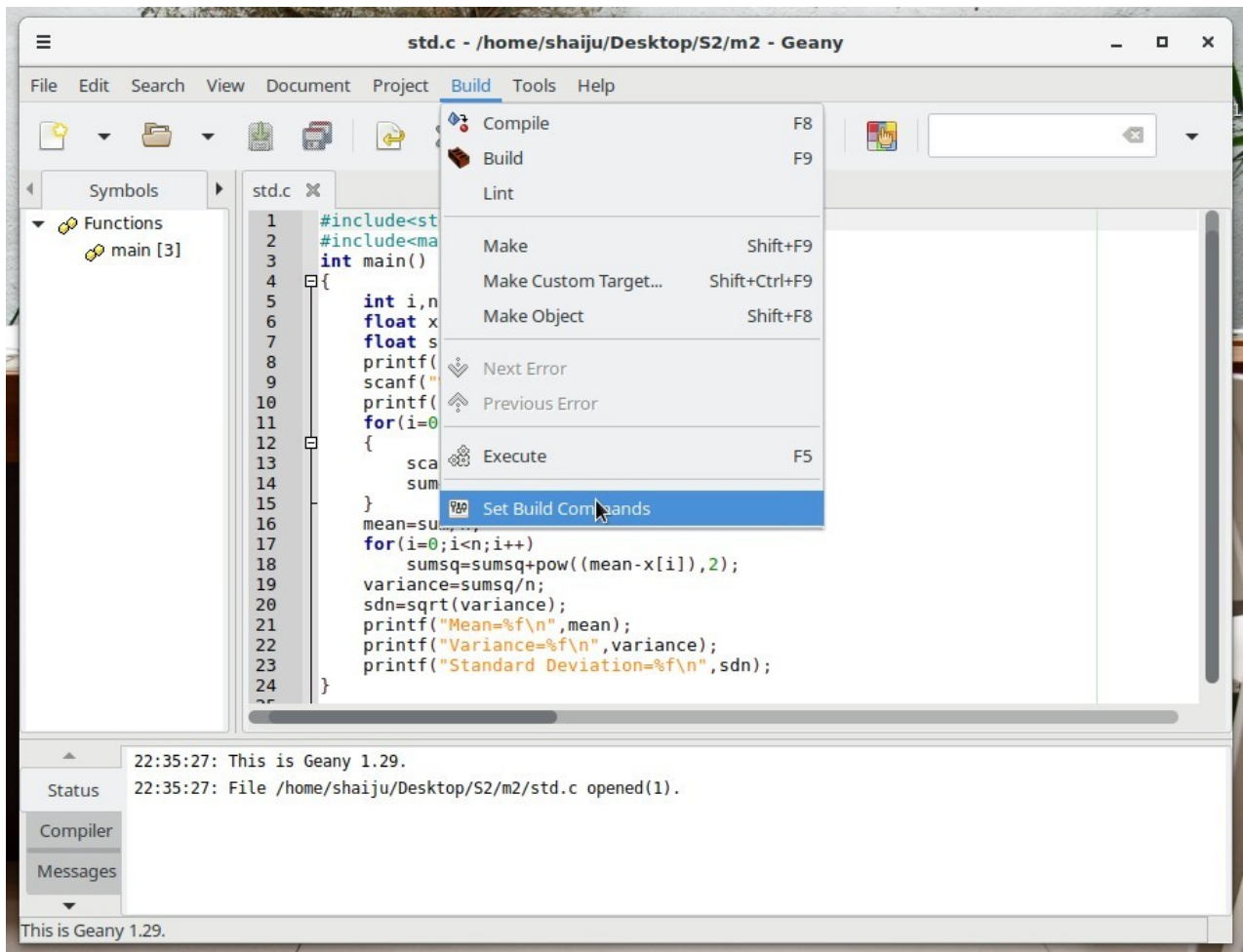
```
add.c - C:\Users\Shaiju Paul\Desktop\C - Geany
File Edit Search View Document Project Build Tools Help
New Open Save Save All Revert Close Back Forward Compile Build Execute Color Chooser
Symbols Documents add.c
Functions
  main [3]
1 //add two numbers(add.c)
2 #include<stdio.h>
3 int main()
4 {
5     int num1,num2,sum;
6     printf("enter the first number:");
7     scanf("%d",&num1);
8     printf("enter the second number:");
9     scanf("%d",&num2);
10    sum=num1+num2;
11    printf("sum=%d",sum);
12    return 0;
13 }
14
15
Status gcc -Wall -o "add" "add.c" (in directory: C:\Users\Shaiju Paul\Desktop\C)
Compiler Compilation finished successfully.
Messages
Scribble
This is Geany 1.32.
```

**Courtesy of [CSE@JECC, THRISSUR](#) !**

# Configure Geany to Compile C programs using `#include<math.h>` library

Follow the Screenshots :

Open GEANY in Linux/JOSS/Windows



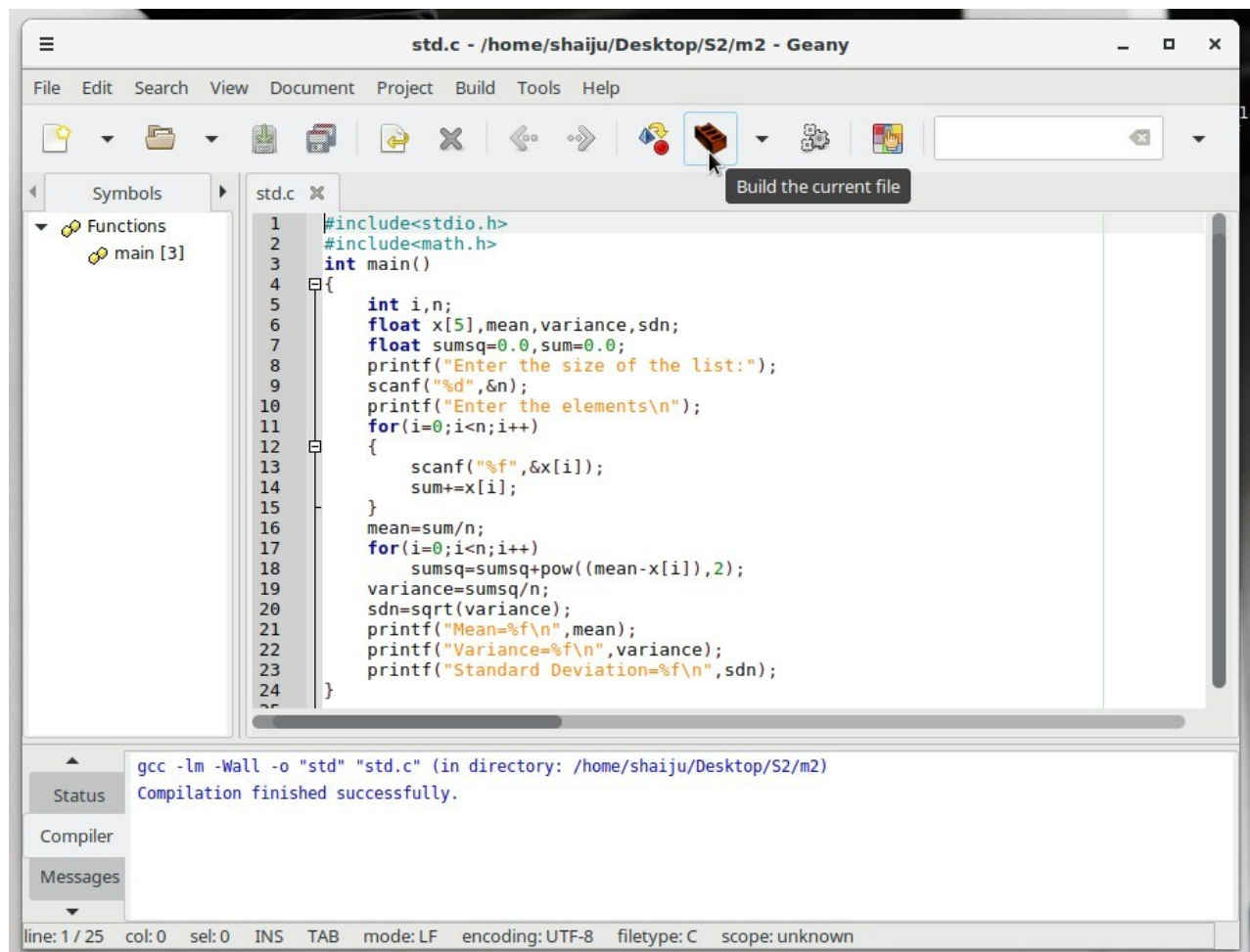
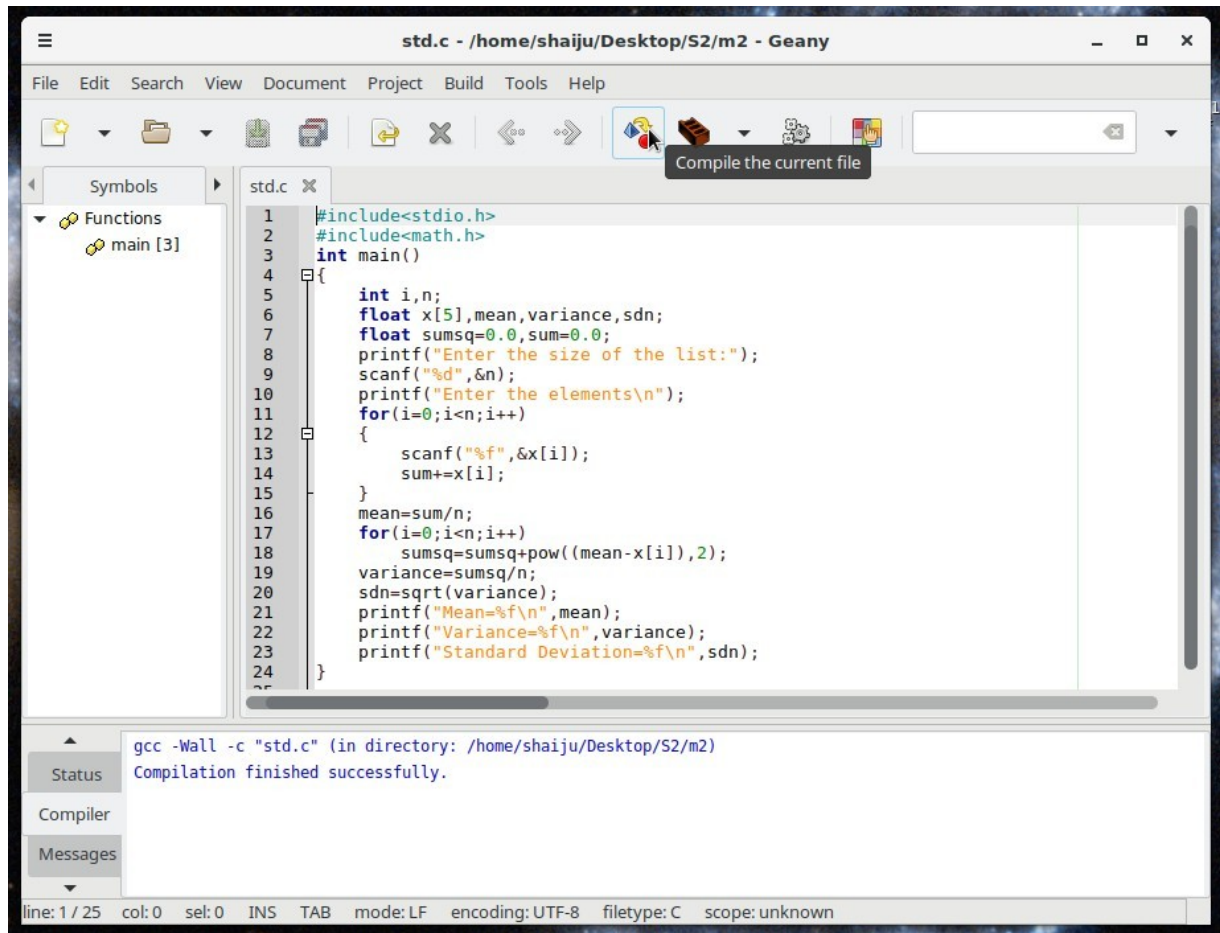


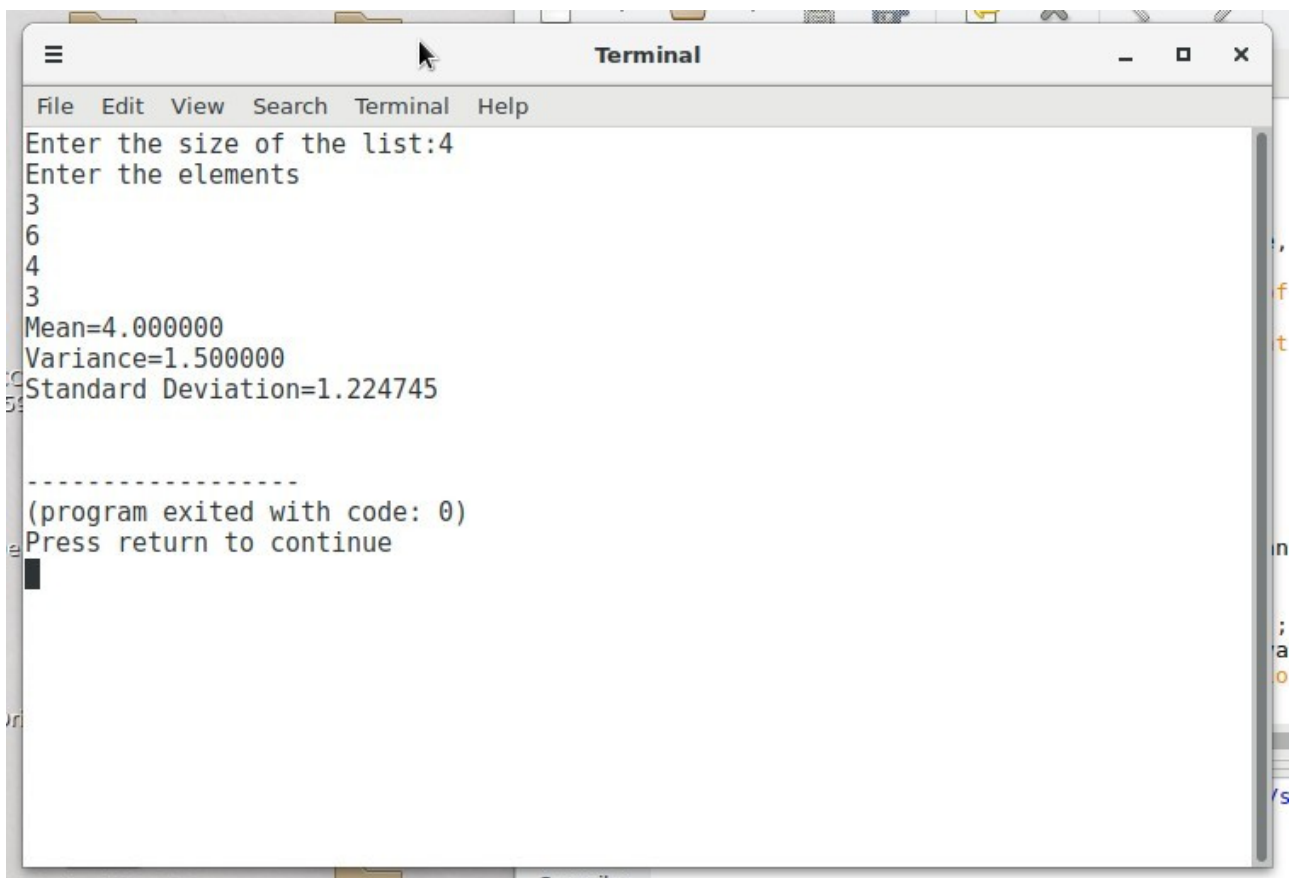
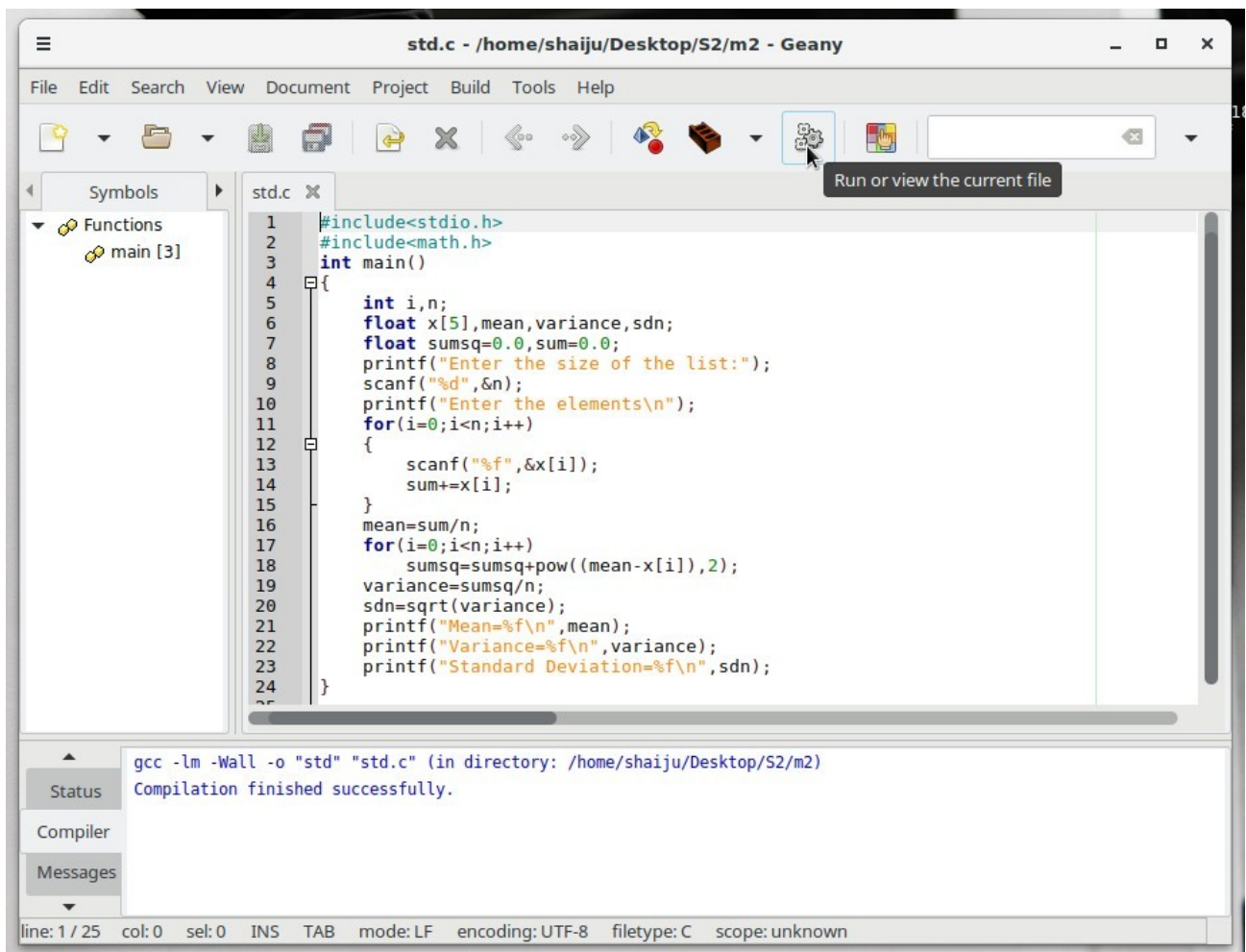
Set Build Commands

x

#	Label	Command	Working directory	Reset
<b>C commands</b>				
1.	Compile	gcc -Wall -c "%f"		
2.	Build	gcc -lm -Wall -o "%e" "%f"		
3.	Lint	cppcheck --language=c --e		
Error regular expression:				
<b>Independent commands</b>				
1.	Make	make		
2.	Make Custom Target...	make		
3.	Make Object	make %e.o		
4.				
Error regular expression:				
<i>Note: Item 2 opens a dialog and appends the response to the command.</i>				
<b>Execute commands</b>				
1.	Execute	"/%e"		
2.				
<i>%d, %e, %f, %p, %l are substituted in command and directory fields, see manual for details.</i>				
			Cancel	OK

## GEANY ( COMPILE ----> BUILD-----> RUN )





**Courtesy of [CSE@JECC, THRISSUR](#) !**